

Abstract

Method for quadrature-bias compensation in a Coriolis gyro, as well as a Coriolis gyro which is suitable for this purpose

In a method for quadrature-bias compensation in a Coriolis gyro, whose resonator (1) is in the form of a coupled system comprising a first and a second linear oscillator (3, 4), the quadrature bias of the Coriolis gyro is determined. An electrostatic field is produced by variation of the mutual alignment of the two oscillators (3, 4) with respect to one another, with the alignment/strength of the electrostatic field being regulated such that the determined quadrature bias is as small as possible.

(Figure 2)